

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002979.D
 Acq On : 28 Jun 2018 12:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:44 PM

Quant Time: Jun 29 06:38:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187527	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	5.51	113	152692	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	8.72	98	558851	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	11.14	95	218267	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	158236	64.98	ug/l	100
3) Chloromethane	1.32	50	144275	57.15	ug/l	99
4) Vinyl Chloride	1.40	62	163930	53.07	ug/l	90
5) Bromomethane	1.64	94	66459	45.87	ug/l	100
6) Chloroethane	1.72	64	106586	59.21	ug/l	99
7) Trichlorofluoromethane	1.93	101	263927	50.66	ug/l	97
8) Diethyl Ether	2.19	74	91230	48.16	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	151950	50.33	ug/l	99
10) Methyl Iodide	2.51	142	126443	42.38	ug/l	98
11) Tert butyl alcohol	3.07	59	166794	221.79	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133543	49.58	ug/l	98
13) Acrolein	2.29	56	87655	210.91	ug/l	100
14) Allyl chloride	2.73	41	265047	49.92	ug/l	98
15) Acrylonitrile	3.15	53	376588	234.44	ug/l	99
16) Acetone	2.45	43	434100	277.66	ug/l	99
17) Carbon Disulfide	2.57	76	400216	55.76	ug/l	99
18) Methyl Acetate	2.78	43	179039	40.96	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	456392	47.13	ug/l	100
20) Methylene Chloride	2.85	84	144824	47.60	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	141820	48.34	ug/l	96
22) Diisopropyl ether	3.87	45	485086	47.79	ug/l	97
23) Vinyl Acetate	3.82	43	2183874	254.10	ug/l	98
24) 1,1-Dichloroethane	3.70	63	265003	48.04	ug/l	99
25) 2-Butanone	4.71	43	589967	254.27	ug/l	98
26) 1,2-Dichloropropane	4.59	77	229917	51.25	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	161630	49.14	ug/l	96
28) Bromochloromethane	5.02	49	128166	48.54	ug/l	94
29) Tetrahydrofuran	5.16	42	352466	236.89	ug/l	96
30) Chloroform	5.21	83	278668	49.22	ug/l	98
31) Cyclohexane	5.57	56	243438	51.42	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	252703	50.73	ug/l	99
36) 1,1-Dichloropropene	5.80	75	209952	52.85	ug/l	99
37) Ethyl Acetate	4.86	43	216451	50.60	ug/l	99
38) Carbon Tetrachloride	5.79	117	230938	52.97	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	257500	55.65	ug/l	97
40) Benzene	6.15	78	599965	51.98	ug/l	99
41) Methacrylonitrile	5.06	41	125349	50.89	ug/l	98
42) 1,2-Dichloroethane	6.20	62	230632	49.46	ug/l	99
43) Isopropyl Acetate	6.46	43	361808	50.43	ug/l	99
44) Trichloroethene	7.21	130	179132	52.05	ug/l	100
45) 1,2-Dichloropropane	7.52	63	156288	51.04	ug/l	99
46) Dibromomethane	7.67	93	106714	50.22	ug/l	97
47) Bromodichloromethane	7.90	83	211743	53.90	ug/l	99
48) Methyl methacrylate	7.78	41	187293	50.67	ug/l	97
49) 1,4-Dioxane	7.76	88	70216	976.37	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1141164	254.25	ug/l	98
52) Toluene	8.79	92	390958	52.87	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	246827	55.48	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	229695	53.66	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	157880	51.96	ug/l	97
56) Ethyl methacrylate	9.18	69	237083	53.39	ug/l	96
57) 1,3-Dichloropropane	9.37	76	256193	51.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	426165	198.91	ug/l	98
59) 2-Hexanone	9.50	43	895762	262.60	ug/l	97
60) Dibromochloromethane	9.59	129	174902	54.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	167114	52.43	ug/l	100
64) Tetrachloroethene	9.34	164	190829	48.99	ug/l	98
65) Chlorobenzene	10.14	112	447129	50.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166725	51.58	ug/l	100
67) Ethyl Benzene	10.26	91	772988	52.59	ug/l	100
68) m/p-Xylenes	10.36	106	605358	106.86	ug/l	99
69) o-Xylene	10.70	106	289143	52.42	ug/l	99
70) Styrene	10.71	104	482135	53.79	ug/l	99
71) Bromoform	10.86	173	137625	47.35	ug/l	100
73) Isopropylbenzene	11.02	105	799084	52.55	ug/l	100
74) N-amyl acetate	6.46	43	361808	48.63	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	238535	50.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	235544m	57.53	ug/l	
77) Bromobenzene	11.26	156	217576	50.24	ug/l	98
78) n-propylbenzene	11.37	91	925681	53.48	ug/l	99
79) 2-Chlorotoluene	11.43	91	535962	51.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	682649	53.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64365	45.91	ug/l	99
82) 4-Chlorotoluene	11.51	91	640861	51.66	ug/l	99
83) tert-Butylbenzene	11.77	119	680013	53.88	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	697092	52.53	ug/l	99
85) sec-Butylbenzene	11.95	105	820598	53.59	ug/l	100
86) p-Isopropyltoluene	12.07	119	751297	54.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	404107	51.10	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	408598	50.20	ug/l	100
89) n-Butylbenzene	12.39	91	658276	54.94	ug/l	99
90) Hexachloroethane	12.60	117	103959	50.77	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	402746	50.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53942	51.23	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	310030	53.37	ug/l	100
94) Hexachlorobutadiene	13.79	225	158652	54.75	ug/l	99
95) Naphthalene	13.84	128	829625	53.62	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306174	52.76	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

